



PTRP3 Plasmid in *Escherichia coli*

39946™

Description

Clone type: Vector

Host: *Escherichia coli* CMCC 1731

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Patent number:

4,677,064

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Product format: Freeze-dried

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BSL 1

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For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Vector Information

Construct size (kb): 4.460000038146973

Vector name: pTRP3 (plasmid)

Construction: pVH153, pBR322

Markers: ampR; tetR

Promoters: trp

Replicon: pMB1

Restriction sites: HindIII

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

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Vector permitting inducible expression from a trp promoter. The unique HindIII site is located 3' to the trp promoter/ operator/ ribosome binding site sequence. For directional cloning, use the HindIII and BamHI (within the tetR gene) sites. pTRP3 was constructed from a 99 bp HhaI/TaqI fragment (from pVH153) extending from just 5' of the trp promoter to 6 bp before the AUG of the trp leader, ligated into pBR322 digested with EcoRI (repair) and ClaI. pTRP3 does not contain a Trp attenuator and does not provide an initiation codon.

- U.S. Pat. 4,677,063 dated June 30, 1987

.patent

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: PTRP3 Plasmid in *Escherichia coli* (ATCC 39946)

References

References and other information relating to this material are available at www.atcc.org.

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